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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/650,933  
Attorney Docket: GP-301753

Filing Date: August 28, 2003

Applicant: Edward D. Tate Jr. et al.

Group Art Unit: 2838

Examiner: Pia Florence Tibbits

Title: SIMPLE OPTIMAL ESTIMATOR FOR PBA STATE OF CHARGE

**CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail addressed to: Mail Stop Amendment Commissioner for Patents, Po Box 1450, Alexandria VA 22313-1450

on 3-9-05 Signature: Stephanie Harbin  
Stephanie Harbin

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed December 10, 2004, please amend the application as follows and consider the remarks set forth below.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.